

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	("5201708" "5385551" "6162197" "6203529" "6322540").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:22
S2	10	((("4894055") or ("5201708") or ("6126194") or ("6322540") or ("5169392"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 12:54
S3	10	((("5201721") or ("5415645") or ("5417662") or ("5429612") or ("5478316"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 12:55
S4	2	("20020004648").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 12:56
S5	2	("20020010422").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 12:56
S6	32	((("5545145") or ("5634910") or ("5709662") or ("5829589") or ("5843036") or ("5873462") or ("5873856") or ("5941857") or ("5944700") or ("5951530") or ("5964731") or ("5980491") or ("5984906") or ("6017329") or ("6077253") or ("5417660"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 12:59
S7	1443	(604/110).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 12:59

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S8	140	(604/136).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/03 13:30
S9	131	(604/134).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/03 13:31
S10	44	(604/137).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/03 13:31
S11	1312	(604/192).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/03 13:32
S12	0	(128/218).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/03 13:32
S13	88	(604/130).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/03 13:33
S14	0	("(20010020155" "6146361" "6312413").PN.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 08:35
S15	6	("20010020155" "6146361" "6312413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 08:48

## EAST Search History

S16	3	"60305733"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 09:14
S17	2	"60239172"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 08:50
S18	17	"5961495"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:41
S19	6	("5046509" "5411480" "5501674"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:41
S20	15	("3920002"   "4140108"   "4215690"   "4385637"   "4447235"   "4763648"   "4838855"   "4844087").PN. OR ("5046509"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 11:01
S21	139	"4143853"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 10:10
S22	2	("4143853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/25 10:10
S23	11	"6203259"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 14:48

## EAST Search History

S24	5	"6203529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 14:48
S25	45	("1274081"   "1934046"   "20010011171"   "20010012925"   "20020038111"   "20020068909"   "20020193740"   "20030014018"   "20030199822"   "20050113753"   "2876770"   "3073306"   "3400715"   "4373526"   "4468223"   "4769003"   "4774948"   "4834704"   "4883573"   "4898588"   "4955871"   "4978344"   "5137516"   "5141496"   "5147328"   "5190521"   "5195526"   "5222949"   "5417662"   "5478316"   "5536945"   "5578014"   "5672883"   "5873856"   "5921963"   "6099504"   "6200291"   "6203529"   "6210369"   "7141039").PN. OR ("7241275").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/06 14:49
S26	9	("2876770"   "5292314"   "5403286"   "5429612"   "5578014"   "5658256").PN. OR ("6203529"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/06 14:59
S27	1	("2003/0014018").URPN.	USPAT	OR	ON	2007/09/06 15:05
S28	9	("2876770"   "5292314"   "5403286"   "5429612"   "5578014"   "5658256").PN. OR ("6203529"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/06 15:11
S29	10	("3853127" "4802885" "5147483" "5961497").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:23
S30	24	("3402710"   "3638649"   "4151392"   "4273983"   "4412573"   "4496350"   "4673394"   "4772270"   "4904241"   "4905682"   "4929236"   "5006115").PN. OR ("5147483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:24

## EAST Search History

S31	65	("3898988"   "4452473"   "4557722"   "4588394"   "4592749"   "4655765"   "4665959"   "4673394"   "4675007"   "4704103"   "4710174"   "4723948"   "4738657"   "4767410"   "4772270"   "4772276"   "4778452"   "4781680"   "4781685"   "4802885"   "4836873"   "4838887"   "4840615"   "4861341"   "4871351"   "4880414"   "4892518"   "4904241"   "4915690"   "4929236"   "4963133"   "4978338"   "4994048"   "5006115"   "5013298"   "5026344"   "5041098"   "5045060"   "5085644"   "5090954"   "5092849"   "5108377"   "5129891"   "5137529"   "5147483"   "5149330"   "5167638"   "5171228"   "5178612"   "5180365"   "5185003"   "5213574"   "5281199"   "5312337"   "5318545"   "5336194"   "5360407"   "5387192"   "5558641").PN. OR ("5989216"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:01
S32	3	("4942669" "5380304" "5700253"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:01
S33	26	("3485234"   "3498286"   "3924632"   "4044765"   "4425919"   "5217440").PN. OR ("5700253"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:01
S34	34	("1538678"   "1538679"   "2747574"   "3154074"   "3332424"   "3592197"   "4636199"   "4932413"   "4942669"   "4981477"   "5041083"   "5131380"   "5154005"   "5344413"   "5372592"   "5380304"   "5407441"   "5531717"   "5569159"   "5620408"   "5700253"   "5718678"   "5891112"   "5906584"   "6210358"   "6290666"   "6872198"   "D318733"   "D335710").PN. OR ("7135015"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:04
S35	17	("4877033"   "5429118").PN. OR ("5569159").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:09

## EAST Search History

S36	29	("1538678"   "1538679"   "2747574"   "3154074"   "3592197"   "4636199"   "4932413"   "4942669"   "4981477"   "5041083"   "5131380"   "5154005"   "5344413"   "5372592"   "5407441"   "5531717"   "5569159"   "5620408"   "5718678"   "5891112"   "5906584"   "6210358"   "D318733"   "D335710").PN. OR ("6471684").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:14
S37	286	hourglass handle	US-PGPUB; USPAT; USOCR	SAME	ON	2007/09/11 15:14
S38	24	("3402710"   "3638649"   "4151392"   "4273983"   "4412573"   "4496350"   "4673394"   "4772270"   "4904241"   "4905682"   "4929236"   "5006115").PN. OR ("5147483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 10:35
S39	1	"11450655"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 14:06
S40	0	("2006/0229496").URPN.	USPAT	OR	ON	2007/09/13 14:08
S41	11	("4474174" "4700694" "5397302" "5536248" "5599299" "5599300" "5788681" "5843028" "6007522" "6096009" "7076285").PN.	USPAT	OR	ON	2007/09/13 14:08

## EAST Search History

S42	79	("1204053"   "2623520"   "3015869"   "3536281"   "4696668"   "4748982"   "4781677"   "4835824"   "4844092"   "4900184"   "4905667"   "4917103"   "4927418"   "4928693"   "4946443"   "4988356"   "4997421"   "5040548"   "5061273"   "5064414"   "5125915"   "5135535"   "5167634"   "5195978"   "5205822"   "5232445"   "5248306"   "5279562"   "5290232"   "5290241"   "5300085"   "5306247"   "5308318"   "5324269"   "5334143"   "5334187"   "5350395"   "5364355"   "5370623"   "5397302"   "5451233"   "5480389"   "5496346"   "5501227"   "5536248"   "5540236"   "5599299"   "5599300"   "5626600"   "5725504"   "B14762129").PN. OR ("6096009"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 15:29
S43	2	("4142525" "6227200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 15:29

## EAST Search History

S44	96	("3831629"   "3902500"   "3937220"   "3991762"   "4015336"   "4047527"   "4193406"   "4351328"   "4468224"   "4516573"   "4573965"   "4573979"   "4574173"   "4595005"   "4638539"   "4649913"   "4657008"   "4696305"   "4705073"   "4834726"   "4909248"   "4929426"   "4967743"   "5060646"   "5073164"   "5083561"   "5088486"   "5107829"   "5125893"   "5134996"   "5139018"   "5140983"   "5158569"   "5184611"   "5191881"   "5213096"   "5215522"   "5230332"   "5242084"   "5254098"   "5255676"   "5277177"   "5300043"   "5309902"   "5309904"   "5325850"   "5325851"   "5333606"   "5333607"   "5337780"   "5343857"   "5346478"   "5349950"   "5354267"   "5355876"   "5357946"   "5368017"   "5445141"   "5449348"   "5460613"   "5487381"   "5490503"   "5496287"   "5513627"   "5513628"   "5578006"   "5582161"   "5582165"   "5598840"   "5605149"   "5628306"   "5642726"   "5664594"   "5676136"   "5769702"   "5813402"   "5855562"   "5882348"   "5919174"   "D312880").PN. OR ("6227200").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 15:33
S45	184	("2781778"   "2888238"   "3419041"   "3508576"   "3797486"   "3859998"   "3906932"   "3934576"   "3942916"   "4016879"   "4030495"   "4141379"   "4193399"   "4200096"   "4230123"   "4231367"   "4269186"   "4305395"   "4306562"   "4310017"   "4354492").PN. OR ("4468224"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 11:32
S46	42	"5125893"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 11:37
S47	9	("4142525" "4468224" "4944726" "5405340" "5575769" "6033393" "6227200" "6375637" "6442415").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 11:37